

NEWS

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ALUMNI NEWS

Mervin G. Aden '63 recently visited the campus to attend an advanced heat transfer short course. Mervin is a research engineer with the Caterpillar Tractor Company in Peoria.

P. A. Konneker '54, MSEE '64, was recently promoted to Major. Pete is flying bombing missions in Viet Nam. His wife Rachel and children are living in Carlinville, Illinois.

Dr. Cletus E. Schertz '54 is joining the University of Minnesota staff. For the past five years he has been with the Agricultural Engineering Department at the University of California, Davis.

Lynn G. Melvin '41 and his wife recently visited the Department. Lynn is General Foreman of Manufacturing, Shipping, and Receiving for the John Deere Killefer Works in Los Angeles.

G. Fred Sauer '41 and '53 visited the Department on May 4. Fred is the Supervisor for Agricultural Markets at Armco Steel Corporation, Middletown, Ohio.

Walter M. Roll '58 and '59, Research Engineer, Deere and Company, Moline, was recently elected President of ASAE Quad City Section for 1967-68.

Herschel H. Klueter '59 and '62 has been involved in the design of a new Phyto-Engineering Laboratory at Beltsville, Maryland. The new laboratory will be used to determine criteria for constructing plant growth chambers to provide maximum control of environment.

William J. Fletcher '50, former Associate Editor for *Successful Farming*, is now employed as editor of *Farm Building News*. He will be located in Milwaukee, Wisconsin.

Robert Emery '66 has completed aircraft maintenance officer training at Chanute AFB and will be permanently stationed at Tyndall Air Force Base in Florida.

Richard A. Werner '64 is employed in the Geophysics Department, Lockheed Electronic Company, NASA Manned Space Craft Center, Houston, Texas. Formerly, he was employed by Wilson, Nuttall Raimond Engineering Incorporated, Chestertown, Maryland.

Gerald T. Cohron '55 is President of Cohron Associates of Huntsville, Alabama. The newly organized company will offer a consulting service to the scientific and engineering industry.

STAFF NEWS

Professor E. L. Hansen was recently elected to the grade of Fellow in the American Society of Agricultural Engineers. This is an honorary grade of membership to which engineers of distinction may be elected.

Professor C. J. W. Drablos and *Dr. B. A. Jones, Jr.* '49, '50, and '58 are the joint authors of one of four papers from the United States to be presented at the meeting of Section I of C.I.G.R. to be held in Madrid, Spain, May 22-25. The paper is an outgrowth of their work on highway and agricultural drainage.

Dr. D. L. Day and *Dr. G. C. Shove* attended the 5th Annual Meeting of the Ohio Farm and Home Electrification Council in Columbus, Ohio, where they presented papers entitled "Aerating Farm Wastes" and "Dehydrofrigidation," respectively.

Dr. G. C. Shove discussed chilled grain storage and low-temperature drying at the Iowa Elevator Operators Grain Conditioning Conference in Ames on April 10 and at the Tri-State (Indiana, Ohio, and Michigan) Meeting of ASAE in Toledo, Ohio, April 21-22.

Professor A. J. Muehling '50 attended the Sixteenth Annual Swine Short Course at Texas A & M University and presented two papers there: "Planning a Confinement System for Swine" and "Planning Your Farrowing, Nursery, and Finishing Buildings."

Professor and Mrs. Muehling recently attended a meeting of the Livestock Equipment Council at Lake Geneva, Wisconsin. Professor Muehling discussed confinement hog housing and equipment with the group of hog and poultry equipment manufacturers.

Dr. D. L. Day will spend the month of June in Europe touring research stations involved with livestock housing and waste disposal. The trip is sponsored by a U.S. Public Health Service grant for the development of waste-treatment methods. Of primary interest will be the development of the oxidation ditch for municipal waste treatment in The Netherlands. *Dr. Alvin C. Dale* of Purdue University will accompany *Dr. Day* for part of the trip, and *Don D. Jones* '66 will join them in The Netherlands and Germany. *Mrs. Day* plans to join *Don* for part of the tour.

Professor J. A. Weber '42 and '48 was recently appointed as ASAE's representative to ASTM Committee D-2, Petroleum Products and Lubricants, and to its subcommittee N- Automatic Lubricants.

DEPARTMENTAL NEWS

Frank Andrew, Peter Bloome, Wendell Bowers, Carroll Drablos, Marvin Hall, Ralph Hay, Don Jedelee, and Art Muehling were in Madison, Wisconsin, May 2-4, participating in the North Central Regional Extension Agricultural Engineers Workshop. Drablos and Jedelee served as recorders for the soil and water and farm structures sessions. Andrew, Bowers, and Muehling were discussion leaders for environmental control, machinery management, and swine housing topics, respectively. It was a busy and profitable workshop with extension engineers from eleven states attending.

Nineteen students and five staff members participated in the Annual Inspection trip for Agricultural Engineering students. The itinerary included several points of interest in central Illinois: Tryco Manufacturing Company, Mississippi Valley Structural Steel Company, and Caterpillar Tractor Company in Decatur; Clay

Products Company in Springfield; the Shoal Creek Watershed Project near Litchfield; the Commonwealth Edison Plant in Kincaid; Baughman Oster, Inc. in Taylorville; the Lampkin Dairy Farm in Watson; and the Moore Farm Buildings Company in Charleston. *Professor C. J. W. Drablos* was in charge of the arrangements.

Professors J. O. Curtis and *E. L. Hansen* will be involved in a cooperative research project with the U.S. Forest Service, North Central Forest Experiment Station, Carbondale, Illinois. The project objectives are to determine and evaluate conversion factors for estimating the volumes of wood materials used in farm buildings and portable structures of various types and sizes. The study will be conducted by analyzing buildings recently constructed on farms, by interviewing building fabricators and lumber dealers, and by preparing material lists for typical buildings.

The Department recently received a contract from the Illinois Division of Highways for an additional two-year study of highway and agricultural drainage. *Professors C. J. W. Drablos* and *B. A. Jones* will translate the results of their earlier studies into a highway drainage and policy manual.

HERE AND THERE

About 200 members and guests attended the Illinois-Wisconsin ASAE meeting at the Wagon Wheel Lodge in Rockton, Illinois on May 19. The group toured the new Chrysler Assembly Plant at Belvidere, Illinois. *Dr. D. R. Hunt* presented a paper "Selecting Farm Machinery by Use of the Fortran System." *Professor O. C. French*, National President of ASAE, was the speaker at the evening meeting.

W. H. Dunlap has completed preliminary examinations for the Doctor of Philosophy Degree with a major in Agricultural Engineering. Howard holds BS and MS degrees from Auburn University. His thesis will deal with three-dimensional yielding of unsaturated soils.

Francis G. Kostrub will be married on June 9 to Miss Kathryn Cromwell of Ogden, Illinois. Kathy is a January, 1966 graduate of the University of Illinois and is presently employed as a medical technologist at Burnham City Hospital in Champaign.

The following officers were recently elected for the Central Illinois Section of ASAE. Chairman: *Robert C. Fairbairn*, FS Services, Inc., Bloomington; Vice-Chairmen: *Carl M. Jacobs*, Tryco Manufacturing Company, Inc., Decatur; *William R. Miller*, Miller and Moody Engineering, Bloomington; and *Kenneth E. Fuller*, Fuller Seed Company, Lincoln; Secretary-Treasurer: *W. Ralph Nave*, University of Illinois.

Dean S. V. Arya MS '56 has been a visitor in the Department during April and May under a USAID contract with the University of Illinois. Dean Arya will head the new College of Agricultural Engineering of the J. Nehru Agricultural University, Jabalpur, M.P. Previously he had served on the staff of the Agricultural Engineering Department at the Indian Institute of Technology in Kharagpur for 14 years. At Illinois, Dean Arya has worked with *Professor R. C. Hay* and *Dr. E. F. Olver*. Dr. Olver is scheduled to join the J. Nehru Agricultural University in July as an adviser and Chief of Party.

At a recent meeting of the Illinois Land Improvement Contractors Association, a contribution of \$67.30 was made to the *E. W. Lehmann Agricultural Engineering Scholarship Fund*. Contributions can be made to this fund through the University of Illinois Foundation.

STUDENT ACTIVITIES

Thirty-two members of Delta Chapter, Alpha Epsilon (Agricultural Engineering Honor Society) were present for a steak cook-out at the Agricultural Engineering Building. The following students were initiated at the banquet: *Willem F. Brutsaert, John W. Hummel, Francis G. Kostrub, Merrill E. Pinter, and K. S. Virk.*

The ASAE Student Branch Banquet, held at the Redwood Inn in Rantoul, was attended by 125 students, staff members, and guests. *Alonzo Cochran, Jerseyville,* served as toastmaster and the entertainment was provided by student skits. *Robert Adams* of Tampico, *Gregory W. Heinz* from Brimfield, and *John C. Tunnell* of Washington all received ASAE Student Honor Awards presented by *Dr. Frank B. Lanham* for the Illinois Student Branch. *Gregory W. Heinz* and *John C. Tunnell* were both recipients of the *E. W. Lehmann Award* presented by *Professor F. W. Andrew.*

The fourth annual banquet of the Agricultural Mechanization Club was also held at the Redwood Inn this year. About 85 people--representing students, staff, and guests--were in attendance. *Steven L. Johnson* of Leland was toastmaster. An honorary membership award was presented to *W. Ralph Nave.*

A combined ASAE and Agricultural Mechanization student-staff picnic was held in Hessel Park on Sunday, May 21. The student-sponsored picnic was attended by about 100 people. An abundance of food was served, and the afternoon was climaxed by the annual student-staff softball game.

Several students were elected to honor societies this spring:

Gamma Sigma Delta--*John W. Hummel*

Alpha Zeta--*Terry Sturm, Wayne Knepp, and Russell Koeller*

Sigma Xi--(Associate members) *Richard Bushmeyer, Larry Kaufman, and John Litherland;* (Associate to Full member) *Roscoe Pershing*

Tau Beta Pi--*Robert Adams*



Chicago Chapter President Rick Bennett (left) and 1967 "Honored Member" Ed Tanquary (right) admire the plaque presented to "Honored Member Scholarship Award" winner Terry Sturm.



Professor Frank Andrew presents the E. W. Lehmann Award to Gregory Heinz and John Tunnell.



David Caudle presents an Agricultural Mechanization Club Honorary Membership Certificate to Ralph Nave, past advisor for the Club.



Dr. Frank B. Lanham congratulates Robert Adams, one of the three recipients of the ASAE Student Honor Award. Gregory Heinz and John Tunnell (shown above) also received the award.